

| L Number | Hits   | Search Text  | DB                             | Time stamp       |
|----------|--------|--|--------------------------------|------------------|
| 1        | 1502   | heteropolyacid   | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 2        | 763    | ((560/231).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 3        | 114492 | ethyl adj acetate  | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 4        | 454942 | ethylene   | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 5        | 48140  | ((ethyl adj acetate) and ethylene                        | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 6        | 106919 | deactiv\$  | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 7        | 101    | deactiv\$ and heteropolyacid                             | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 8        | 0      | ((deactiv\$ and heteropolyacid) and<br>((560/231).CCLS.) | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 9        | 4      | ((560/231).CCLS.) and heteropolyacid                     | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 10       | 45     | heteropolyacid and ((ethyl adj acetate) and<br>ethylene) | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 11       | 2      | 5861530.URPN.  | USPAT                          | 2002/09/12 11:39 |
| 12       | 1      |  | USPAT                          | 2002/09/12 10:44 |
| 13       | 1      |  | USPAT                          | 2002/09/12 10:44 |
| 14       | 1      |  | USPAT                          | 2002/09/12 10:44 |
| 15       | 39     | ((deactiv\$ and heteropolyacid) and ethylene             | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 16       | 10     | deactiv\$ and ((560/247).CCLS.)                          | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 17       | 2      | 4205182.pn.  | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 18       | 179    | ((560/247).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:44 |
| 20       | 48323  | butene   | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:45 |
| 21       | 140587 | impurity   | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:46 |
| 22       | 12     | butene near2 impurity                                    | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:47 |
| 23       | 454942 | ethylene   | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:48 |
| 24       | 35103  | butene and ethylene                                      | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:49 |
| 25       | 1086   | impurity and (butene and ethylene)                       | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:48 |
| 26       | 18     | ((butene and ethylene) and ((560/247).CCLS.)             | USPAT;<br>EPO; JPO;<br>DERWENT | 2002/09/12 10:49 |
| 27       | 1      | 5861530.PN.  | USPAT                          | 2002/09/12 11:40 |
| 28       | 1      | 6187949.PN.  | USPAT                          | 2002/09/12 12:05 |
| 29       | 1      | 0562139.PN.  | USPAT                          | 2002/09/12 12:05 |
| 30       | 1      | 0757027.PN.  | USPAT                          | 2002/09/12 12:06 |

|    | Type | L # | Hits       | Search Text   | DBs                                       | Time Stamp          | Comments | Error Definition |
|----|------|-----|------------|---|---|---------------------|----------|------------------|
| 1  | BRS  | L1  | 1502       | heteropolyacid  | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 2  | IS&R | L2  | 763        | (560/231).CCLS.   | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 3  | BRS  | L3  | 11449<br>2 | ethyl adj acetate   | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 4  | BRS  | L4  | 45494<br>2 | ethylene  | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 5  | BRS  | L5  | 48140      | (ethyl adj acetate) and<br>ethylene                         | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 6  | BRS  | L6  | 10691<br>9 | deactiv\$   | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 7  | BRS  | L7  | 101        | deactiv\$ and<br>heteropolyacid                             | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 8  | BRS  | L8  | 0          | (deactiv\$ and<br>heteropolyacid) and<br>((560/231).CCLS.)  | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 9  | BRS  | L9  | 4          | ((560/231).CCLS.) and<br>heteropolyacid                     | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 10 | BRS  | L10 | 45         | heteropolyacid and<br>((ethyl adj acetate) and<br>ethylene) | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 11 | BRS  | L11 | 2          | 5861530.URPN.   | USPAT                                     | 2002/09/12<br>11:39 |          |                  |

|    | Err<br>ors |
|----|------------|
| 1  | 0          |
| 2  | 0          |
| 3  | 0          |
| 4  | 0          |
| 5  | 0          |
| 6  | 0          |
| 7  | 0          |
| 8  | 0          |
| 9  | 0          |
| 10 | 0          |
| 11 | 0          |

|    | Type | L # | Hits       | Search Text                                       | DBs                                       | Time Stamp          | Comments | Error Definition |
|----|------|-----|------------|---|---|---------------------|----------|------------------|
| 12 | BRS  | L12 | 1          | "2174985".PN.                                     | USPAT                                     | 2002/09/12<br>10:44 |          |                  |
| 13 | BRS  | L13 | 1          | "5086031".PN.                                     | USPAT                                     | 2002/09/12<br>10:44 |          |                  |
| 14 | BRS  | L14 | 1          | "5241106".PN.                                     | USPAT                                     | 2002/09/12<br>10:44 |          |                  |
| 15 | BRS  | L15 | 39         | (deactiv\$ and<br>heteropolyacid) and<br>ethylene | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 16 | BRS  | L16 | 10         | deactiv\$ and<br>((560/247).CCLS.)                | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 17 | BRS  | L17 | 2          | 4205182.pn.                                       | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 18 | IS&R | L18 | 179        | (560/247).CCLS.                                   | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:44 |          |                  |
| 19 | BRS  | L20 | 48323      | butene  | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:45 |          |                  |
| 20 | BRS  | L21 | 14058<br>7 | impurity  | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:46 |          |                  |
| 21 | BRS  | L22 | 12         | 120 near2 121                                     | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:47 |          |                  |
| 22 | BRS  | L23 | 45494<br>2 | ethylene  | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:48 |          |                  |
| 23 | BRS  | L24 | 35103      | 120 and 123                                       | USPAT<br>;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:49 |          |                  |

|    | Err<br>ors |
|----|------------|
| 12 | 0          |
| 13 | 0          |
| 14 | 0          |
| 15 | 0          |
| 16 | 0          |
| 17 | 0          |
| 18 | 0          |
| 19 | 0          |
| 20 | 0          |
| 21 | 0          |
| 22 | 0          |
| 23 | 0          |

|    | Type | L # | Hits | Search Text | DBs                                   | Time Stamp          | Comments | Error Definition |
|----|------|-----|------|-------------|---------------------------------------|---------------------|----------|------------------|
| 24 | BRS  | L25 | 1086 | 121 and 124 | USPAT;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:48 |          |                  |
| 25 | BRS  | L26 | 18   | 124 and 118 | USPAT;<br>EPO;<br>JPO;<br>DERWE<br>NT | 2002/09/12<br>10:49 |          |                  |
| 26 | BRS  | L27 | 1    | 5861530.PN. | USPAT                                 | 2002/09/12<br>11:40 |          |                  |
| 27 | BRS  | L28 | 1    | 6187949.PN. | USPAT                                 | 2002/09/12<br>12:05 |          |                  |
| 28 | BRS  | L29 | 1    | 0562139.PN. | USPAT                                 | 2002/09/12<br>12:05 |          |                  |
| 29 | BRS  | L30 | 1    | 0757027.PN. | USPAT                                 | 2002/09/12<br>12:06 |          |                  |

|    | Err<br>ors |
|----|------------|
| 24 | 0          |
| 25 | 0          |
| 26 | 0          |
| 27 | 0          |
| 28 | 0          |
| 29 | 0          |